

Please amend the paragraph on page 26, lines 1-6 as follows (this paragraph presented in the Appendix with amendments entered):

a<sup>15</sup>  
In RF bridge 100, the first and second frequency converters 140 and 160 receive respective first and second signals from the respective first and second antennas 104 and 102. The third frequency converter 180 [heterodynes] heterodynes signals from the first and second frequency converters 140 and 160 to provide a signal that is characterized by a frequency difference modulated onto the reference signal. The frequency difference is a difference between a frequency of the first signal and a frequency of the second signal.

IN THE CLAIMS:

Please amended claims 2 and 15 as follows (these claims are presented in the Appendix with amendments entered):

2. (Amended) The receiver of claim 1, wherein:

the first and second frequency converters receive respective first and second signals from the respective first and second antennas; and

the third frequency converter [heterodynes] heterodynes signals from the first and second frequency converters to provide a signal that is characterized by a frequency difference modulated onto the reference signal, the frequency difference being a difference between a frequency of the first signal and a frequency of the second signal.

15. (Amended) The receiver of claim 14, wherein:

the first and second RF frequency converters receive respective first and second signals from the respective first and second antennas; and

the third RF frequency converter [heterodynes] heterodynes signals from the first and second RF frequency converters to provide a signal that is characterized by a frequency difference modulated onto the reference signal, the frequency difference being a difference between a frequency of the first signal and a frequency of the second signal.